

MAR BASELIOS

COLLEGE OF ENGINEERING AND TECHNOLOGY

MAR IVANIOS VIDYANAGAR, THIRUVANANTHAPURAM – 15

(Autonomous College affiliated to APJ Abdul Kalam Technological University)

MBCETAA BEST PROJECT AWARDS 2025

DEPARTMENT OF CIVIL ENGINEERING		
Name of Project	Group Members	Name of Guides
Morphometric Influences on the Runoff processes in Meenachil River Basin	Abhirami S D, Megha S Manoj, Misana Fathima S, P Mukundhan	Ms Akhila A M, Mr Ashok B Jacob, Assistant Director, Hydrology Division, Irrigation Design and Research Board
Harnessing Algal Bioremediation: A Comparative study of Chlorella vulgaris and Spirulina platensis for Dye Removal	Hashna Khader, Savya Unnikrishnan, Souparnika G.	Ms Nimisha Anna Jacob, Ms Loveja L B, Students' Start up partner/CEO, FEED SOLUTIONZ, Department of Aquatic Biology and Fisheries, University of Kerala, Karyavattam Campus, TVM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING		
Traffic Signal Optimization using Hypergraph Networks	Jesny Jayan, Manu Bobby, Nithya Jose, and Shaun Joseph	Dr Jesna Mohan
Clipse: A Semantic Image Search App	Abhinav Prakash, Abhishek S, Rhon S George, and Ritin George D	Mr Shibu V S
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING		
A Wearable Seizure Identification, Classification and Recording System using sEMG and Fabric electrodes with an Machine Learning Algorithm	Akash S Gopinath, Aswani P P, Merin Sarah Thomas, Niranjana M S	Mr Aswin R B, Dr Soumya A V
Advanced AI Integration Automation of CRMG and STS Cranes for Optimized Port Operations	Anaswara R N, Blessy Smitha Das, Gourisankar S, Neeraj Krishna	Ms Manju Sreekumar, Dr Sheryl Arulini
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING		
Eye-gaze controlled standing wheelchair for disabled people	Adith B, Ansil Muhammed A, Mithra Manual, Sruthi	Ms Amritha B J, Dr M J

	Sreenath	Jayashree
CNC based Automated Soldering Machine	Allen Thomas Mathew, Arjun Muraleedharan, Faizan Waseem, Vinayak J	Mr Anoop K Johnson
DEPARTMENT OF MECHANICAL ENGINEERING		
Effect of Dimples on aerodynamic performance of NACA4412 aerofoil	Adhil Navas, Ananth P Nampoothiri, Darsan Devanand, Vighnesh B	Mr Vaisakh S Nair, Dr Rajesh T N